

ABSTRACT

An improved method and apparatus for sterilization of wine and other edible fluids utilizing concentrated and focused steady-state electrical fields (18) generated by a series of specially shaped charged electrodes (12)(20)(24). Apparatus incorporates a fluid passage duct (14) constructed of strong dielectric material situated between said charged electrodes. Said apparatus necessarily includes appurtenances to the apparatus to facilitate conveyance of fluid into and out of said fluid passage duct. Said apparatus necessarily includes electrical circuitry (16) to maintain a steady-state electrical charge on the aforementioned specially shaped electrodes(12)(20)(24).